

P/126-221

PATENTS RECORDATION COVER SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Kiyonori OYU
Atsushi OGISHIMA
Hiroyuki UCHIYAMA
Keizo KAWAKITA
Masahito SUZUKI

Type of Entity: Individuals

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

ELPIDA MEMORY, INC.
2-1, Yaesu 2-chome
Chuo-ku, Tokyo, JAPAN

HITACHI ULSI SYSTEMS CO., LTD.
22-1, Josuihoncho 5-chome
Kodaira-shi, Tokyo, JAPAN

HITACHI, LTD.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo, JAPAN

Type of Entity: Corporations of Japan

Additional name(s) & address(es) attached? No

3. Nature of Conveyance:

Assignment

Execution Date: July 27, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Application No.(s)

10/626,095

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom
correspondence concerning document should
be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP
1180 Avenue of the Americas
New York, New York 10036-8403

6. Total number of documents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed as part of Check No. 17836

In the event the actual fee is greater than the payment submitted or is
inadvertently not enclosed or if any additional fee due is not paid, the
Patent and Trademark Office is authorized to charge the
underpayment to Deposit Account No. 15-0700.

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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached
copy is a true copy of the original document.

MAX MOSKOWITZ

Name of Person Signing

Signature

August 27, 2004

Date

Total number of pages including cover sheet, attachments, and document: 6

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P/126-221

Whereas, I/We, Kiyonori OYU of Tokyo, Japan, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME

☒ for which an application for a United States Patent was filed on 7/24/2003

Application Number 10 / 626,095

☐ for which an application for a United States Patent was executed on _____, and Hitachi, Ltd. of Tokyo, Japan

Whereas, Elpida Memory, Inc. of Tokyo, Japan and

Hitachi ULSI Systems, Co., Ltd. of Tokyo, Japan herein referred to

"assignees" whose mailing addresses are 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan,

2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan and 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, are


desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of July, 2004
at Tokyo, Japan

Kiyonori OYU
(Signature) Kiyonori OYU

Witness:

Takashi Ozawa 

Witness:

[Signature]

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

* ☐ Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Sample Form (former PTO/SB/15) (05-01)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P/126-221
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Whereas, I/We, Masahito SUZUKI of Tokyo, Japan, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME

☒ for which an application for a United States Patent was filed on 7/24/2003
 Application Number 10 / 626,095

☐ for which an application for a United States Patent was executed on _____, and
Hitachi, Ltd. of Tokyo, Japan

Whereas, Elpida Memory, Inc. of Tokyo, Japan and
Hitachi ULSI Systems, Co., Ltd. of Tokyo, Japan herein referred to
6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan
 "assignees" whose mailing addresses are 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan and
22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, are
 desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 24th day of July, 2003
 at Tokyo, Japan

Witness:

Toshimitsu Agatsuma

Witness:

Toshimitsu Agatsuma

Witness:

Toshimitsu Agatsuma

Witness:

Toshimitsu Agatsuma

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

* ☐ Total of _____ forms are submitted.

Sample Form (former PTO/SB/15) (05-01)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P/126-221
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Whereas, I/We, Keizo KAWAKITA of Tokyo, Japan, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME

☒ for which an application for a United States Patent was filed on 7/24/2003
Application Number 10 / 626,095

☐ for which an application for a United States Patent was executed on _____, and
Hitachi, Ltd. of Tokyo, Japan,
Whereas, Elpida Memory, Inc. of Tokyo, Japan and

Hitachi ULSI Systems, Co., Ltd. of Tokyo, Japan herein referred to
"assignees" whose mailing addresses are 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan and
22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, are


desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of July, 20 04
at Tokyo, Japan

Keizo Kawakita 
(Signature) Keizo KAWAKITA

Witness:

Takashi Ozawa 

Witness:

[Signature]

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

* ☐ Total of _____ forms are submitted.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P/126-221

Whereas, I/We, Hiroyuki UCHIYAMA of Tokyo, Japan, hereafter

referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME

☒ for which an application for a United States Patent was filed on 7/24/2003
Application Number 10 / 626,095.

☐ for which an application for a United States Patent was executed on _____, and

Whereas, Hitachi, Ltd. of Tokyo, Japan
Elpida Memory, Inc. of Tokyo, Japan and

Hitachi ULSI Systems, Co., Ltd. of Tokyo, Japan herein referred to

"assignees" whose mailing addresses are 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan and
2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan and


22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, are

desirous of acquiring the entire right, title and interest in the same;

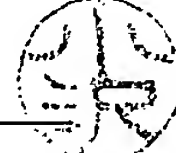
Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of July, 20 04.

at Tokyo, Japan.

Hiroyuki Uchiyama 
(Signature) Hiroyuki UCHIYAMA

Witness:

Takashi Ozawa 

Witness:

[Signature]

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

* ☐ Total of _____ forms are submitted.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P/126-221

Whereas, I/We, Atsushi OGISHIMA of Tokyo, Japan, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME

☒ for which an application for a United States Patent was filed on 7/24/2003
Application Number 10 / 626,095

☐ for which an application for a United States Patent was executed on _____, and
Hitachi, Ltd. of Tokyo, Japan,
Elpida Memory, Inc. of Tokyo, Japan and

Whereas, Hitachi ULSI Systems, Co., Ltd. of Tokyo, Japan herein referred to
"assignees" whose mailing addresses are 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan,
2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan and
22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, are


desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of July, 20 04
at Tokyo, Japan

Atsushi Ogishima
(Signature) Atsushi OGISHIMA

Witness:

Takashi Ozawa 

Witness:

Atsushi Ogishima

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

* ☐ Total of _____ forms are submitted.

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